



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/420,719	10/20/1999	MARIKO MIYASHITA	10059-308(P2)	3194

570 7590 08/08/2002

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.
ONE COMMERCE SQUARE
2005 MARKET STREET, SUITE 2200
PHILADELPHIA, PA 19103

EXAMINER

PADMANABHAN, KARTIC

ART UNIT	PAPER NUMBER
----------	--------------

1641

DATE MAILED: 08/08/2002

17

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/420,719

Applicant(s)

MIYASHITA ET AL.

Examiner

Kartic Padmanabhan

Art Unit

1641

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 22 July 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

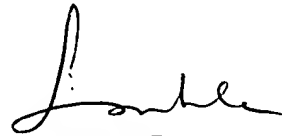
3. ☒ Applicant's reply has overcome the following rejection(s): Khanna et al. and Liu et al.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: -Claim(s) objected to: -Claim(s) rejected: 19,21,24,25 and 29.Claim(s) withdrawn from consideration: 27.

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
10. ☐ Other: _____

Continuation of 5 and 7. does NOT place the application in condition for allowance because: of reasons of record set forth in the previous office action. Applicant's amendments simply place limitations from several dependent claims into independent claims 19 and 29. However, these limitations have already been treated in the prior office action, and are therefore still anticipated or rendered obvious by the applied prior art. Applicant's arguments with respect to the restriction requirement is moot, as claim 27 has been cancelled. Applicant's arguments regarding "capable" are not convincing. With the term "capable", it is unclear if the catalyst, adsorbent, and buffer have a function or not because they are simply capable of performing a function and not required to do so. Applicant's arguments that the prior art of record all teach physical separation, and does not read on the pending claims is erroneous. Since the components recited in the claims need only be "capable" of performing their recited function and do not actually have to carry out that function, the Rosman reference does indeed teach a buffering agent in the form of buffering salts in their filter matrix. In terms of the Kondo reference, they disclose or teach a cation exchange filter, which is inherently capable of adsorption. In addition, the reference also teaches the use of adsorbent cotton. In terms of the Obata reference, they clearly teach the use of a catalyst, hydrogen peroxide, to pretreat the water before "analysis".



LONG V. LE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1600

08/06/02